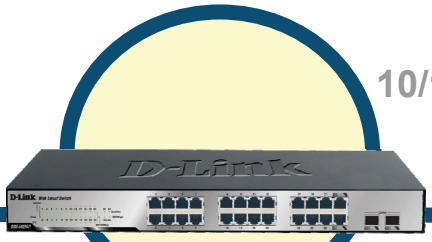
D-Link Quick Installation Guide

DIS-5024T

D-Link 24-Port 10/100/1000Mbps + 2 Combo Mini GBIC Gigabit Smart Switch



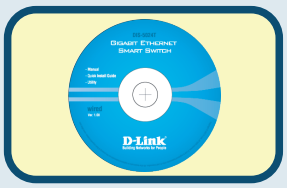
Before Your Begin

This Quick Installation Guide gives step-by-step instructions for setting up the D-Link DIS5024T Gigabit Smart Switch. The model you have purchased may appear slightly different from those shown in the illustrations. For more detailed information about the switch, its components, making network connections and technical specifications, please refer to the User's Manual on master CD included with your switch.

Check Your Package Contents

These are the items included with your DIS-5024T purchase:

- **DIS-5024T**
  D-Link 24-Port 10/100/1000Mbps + 2 Combo Mini GBIC Gigabit Smart Switch



- **CD-ROM (containing Manual and Utility Installation)**

- **100–240VAC 50/60Hz Power Adapter**

⚠ Using a power supply with a different voltage rating will damage and void the warranty for this product.

If any of the above items are missing, please contact your reseller.

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1 Setup The DIS-5024T Gigabit Smart Switch

The setup of the Switch can be performed using the following steps:

A. Install the DIS-5024T in a fairly cool and dry place. See Technical Specification for the acceptable operation temperature and humidity ranges.

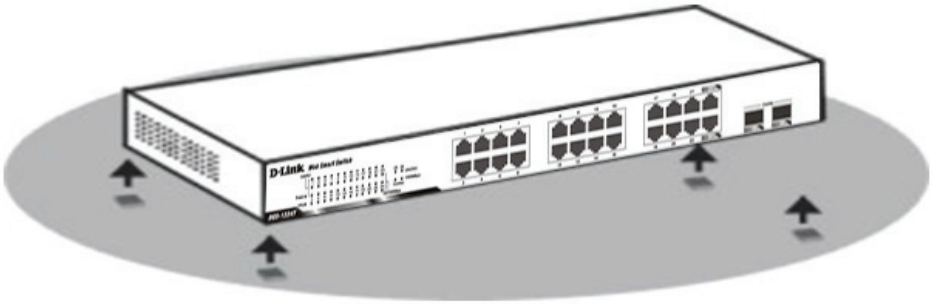
B. Install the DIS-5024T in a site free from strong electromagnetic field generators (such as motors), vibration, dust, and direct exposure to sunlight.

C. Leave at least 10cm (about 4 inches) of space at the front and rear of the hub for ventilation.

D. Visually inspect the DC power jack and make sure that it is fully secured to the power adapter.

E. Install the DIS-5024T on a sturdy, level surface that can support its weight, or in an EIA standard-size equipment rack.

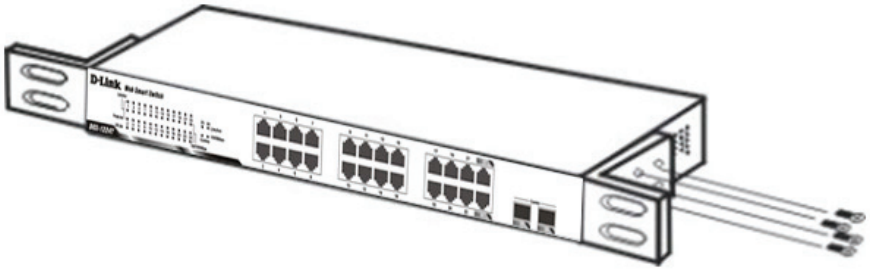
F. When installing the Switch on a level surface, attach the rubber feet to the bottom of each device. The rubber feet cushion the hub and protect the hub case from scratching.



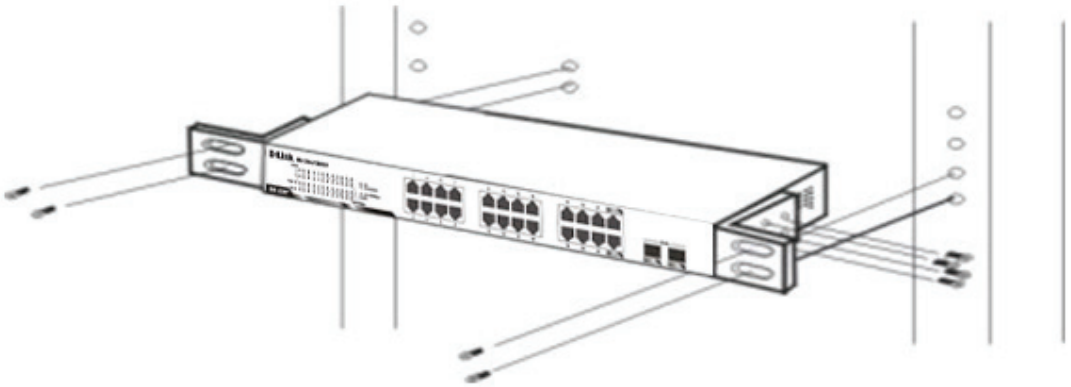
Attach the adhesive rubber pads to the bottom

2 Rack Mounting

The DIS-5024T can be mounted in an EIA standard-size, 19-inch rack, which can be placed in a wiring closet with other equipments. Attach the mounting brackets to both sides of the Switch (one at each side), and secure them with the provided screws.



Use the screws provided. Then, use screws provided with the equipment rack to mount the Switch in the rack.



Mount the Switch in the rack

Connecting Network Cable

The DIS-5024T supports 10/100/1000Mbps Gigabit Ethernet. It runs full/half duplex transfer mode for 10/100Mbps and full duplex transfer mode for 1000Mbps. Each port on the DIS-5024T supports Auto-MDI/MDI-X. Auto-MDI/MDI-X is a feature that eliminates the need for worrying about using either a standard or crossover cable—you can use either one—and allows any port to be an uplink port.

AC Power

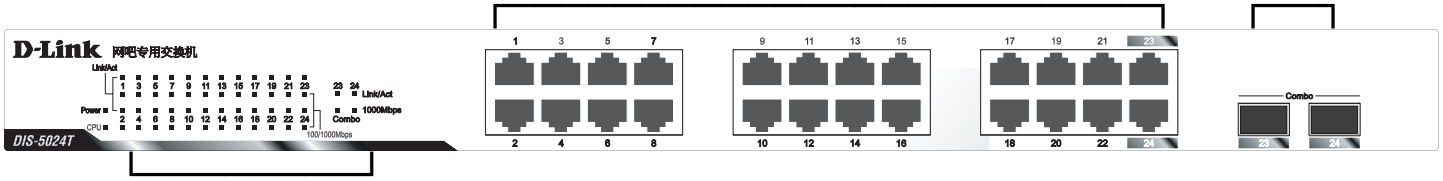
The DIS-5024T can be used with AC power supply 100~240V AC, 50~60Hz. The power switch is located at the rear of the unit adjacent to the AC power connector and the system fan. The switch's power supply will adjust to the local power source automatically and may be turned on without having any or all LAN segment cables connected.

Connect The DIS-5024T Gigabit Smart Switch To Your Network

Front Panel

10/100/1000 Base-T Twisted-Pair Ports

Mini GBIC Ports



LED Indicators

■ 1000BASE-T Twisted Pair Ports (Port 1~24)

The DIS-5024T is equipped with 24 Gigabit twisted pair ports that are auto negotiable 10/100/1000Mbps and also support auto MDI/MDIX crossover detection. These two ports can operate in half- and full-duplex modes.

■ Mini GBIC Ports (Option Port 23~24)

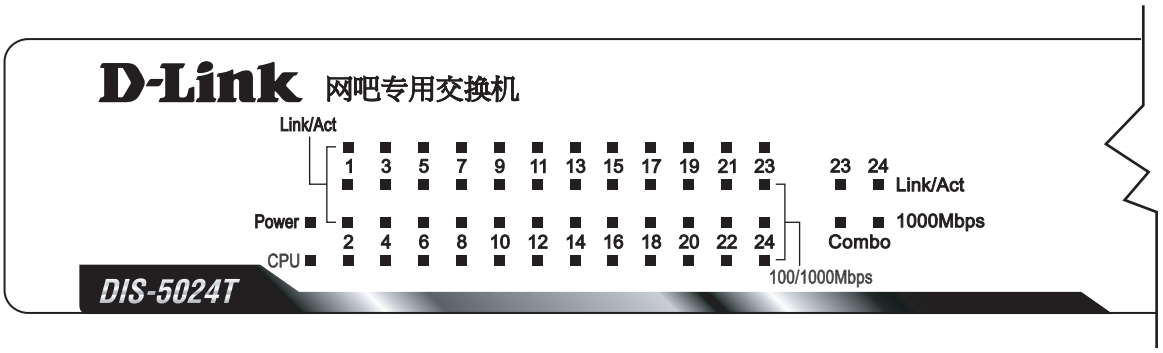
The Switch is equipped with two Mini GBIC ports, supported optional 1000BASE-SX/LX Mini GBIC module.

Note: When the port was set to "Forced Mode", the Auto MDI/MDIX will be disabled.

4 LED Indicators

LED stands for **L**ight-**E**mitting **D**iode.

The front panel LEDs provides instant status feedback and simplifies monitoring and troubleshooting tasks.



LED indicators of the Switch

■ Power LEDs

On	When the Power LED light is on, the Switch is receiving power.
Off	When the Power LED light is off, the power cord is improperly connected.

■ CPU LEDs (Management Indicator)

Blinking	When the CPU is working, the System LED is blinking.
On/Off	The CPU is not working.

■ Ports 1 & 24 Status LEDs

Link/Act

On	When the Link/Act LED lights on, the respective port is successfully connected to an Ethernet network.
Blinking	When the Link/Act LED is blinking, the port is transmitting or receiving data on the Ethernet network.
Off	No link.

1000Mbps

On	When the 1000Mbps LED lights on, the respective port is connected to a 1000Mbps Gigabit Ethernet network.
Off	When the respective port is connected to a 10Mbps Ethernet or 100Mbps Fast Ethernet network

100Mbps

On	When the 100Mbps LED lights on, the respective port is connected to a 100Mbps Fast Ethernet network.
Off	When the respective port is connected to a 10Mbps Ethernet or 1000Mbps Gigabit Ethernet network.

■ Option Ports 23~24 Mini GBIC Status LEDs

Link/Act

On	When the Mini GBIC module is installed and connected to a network, the Link/ACT LED lights on.
Blinking	When the LED is blinking, the Mini GBIC module is receiving data on a network.
Off	No link.

1000Mbps

On	When the 1000Mbps LED lights on, the respective port is connected to a 1000Mbps Gigabit Ethernet network.
Off	When the respective port is disconnected to the network

5 Installing the SmartConsole Utility

The following instruction guides you to install the SmartConsole utility.

1. Insert the Utility CD in the CD-Rom Drive.
2. From the **Start** menu on the Windows desktop, choose **Run**.
3. In the **Run** dialog box, type D:\SmartConsole Utility\setup.exe (D:\ depends where your CD-Rom drive is located) and click **OK**.
4. Follow the on-screen instructions to install the utility.
5. Upon completion, go to **Program Files -> SmartConsole Utility** and execute the SmartConsole utility. (Figure 1.)

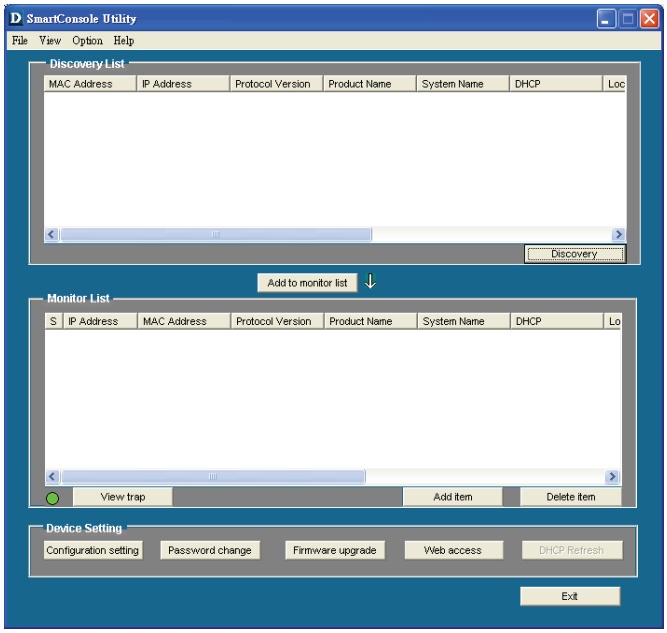


Figure 1. SmartConsole Utility

6 Configuring the Switch

The DIS-5024T has a Web GUI interface for smart switch configuration. The Switch can be configured through the Web Browser. A network administrator can manage, control and monitor the switch from the local LAN. This section indicates how to configure the Switch to enable its smart functions.

Use Internet Explorer 5.5 or above Web browser.

Login

Before you configure this device, note that when the Web Smart Switch is configured through an Ethernet connection, make sure the manager PC must be set on the same **IP network**. For example, when the default network address of the default IP address of the Web Smart Switch is ***192.168.0.1***, then the manager PC should be set at 192.168.0.x (where x is a number between 2 and 254), and the default subnet mask is 255.255.255.0.

Enter IP address ***http://192.168.0.1*** (the factory-default IP address setting) to the address location. (Figure 2.)

DIS-5024T Login - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://192.168.0.1/

Figure 2.

Or through the SmartConsole Utility, you do not need to remember the IP Address, select the device shown in the Monitor List of the SmartConsole Utility to settle the device on the Web Browser.

When the following dialog page appears, remain enter the default password ***"admin"*** and press **Ok** to enter the main configuration window. (Figure 3.)

Figure 3.

After entering the password, the main page comes up, the screen will display the device status. (Figure 4.)

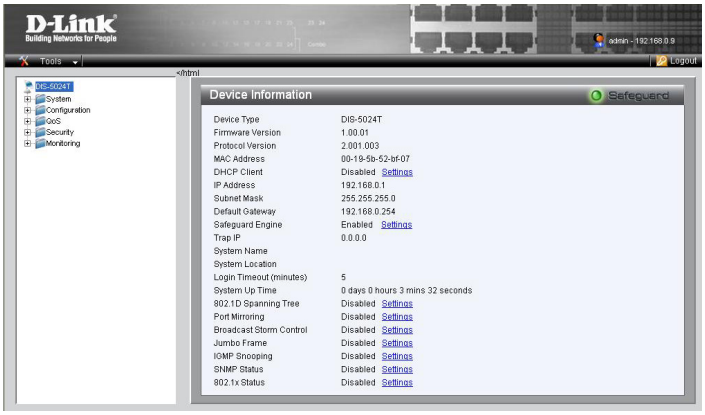


Figure 4.

Setup Menu

When the main page appears, find the ***Setup menu*** in the left side of the screen (Figure 5). Click on the setup item that you want to configure. There are following options: System Setting, Trap Setting, Port Setting, SNMP Setting, Password Access Control, Jumbo Frame, 802.1Q VLAN, Trunking, IGMP Snooping, 802.1D Spanning Tree, Port Mirroring, 802.1p Default Priority, Safeguard Engine, Broadcast Storm Control, 802.1X Setting, Static MAC, Dynamic Forwarding Table, Statistics as shown in the Main Menu screen.

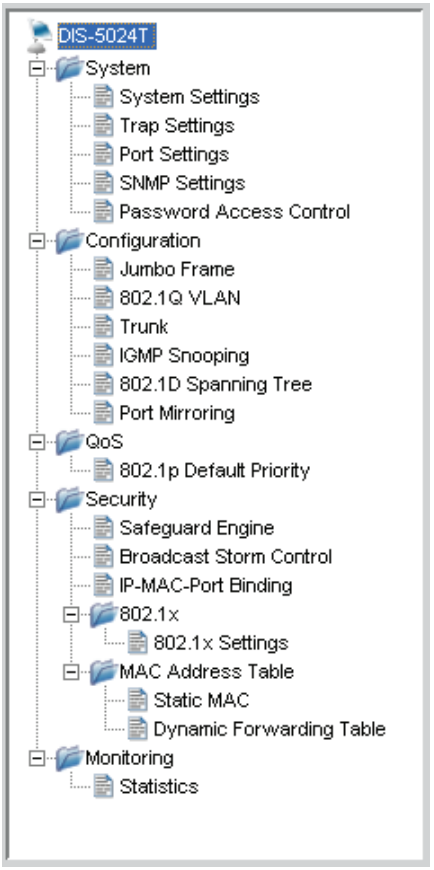


Figure 5.

Tool

You also find the ***Tool*** in main page. Click on and scroll down as shown in Figure 6, there are four options: Reset, Config Backup & Restore, Firmware Backup & Upload, System Reboot.

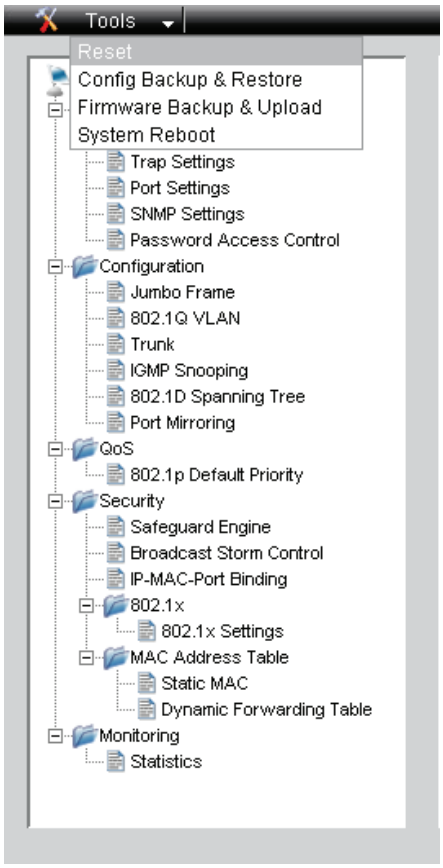


Figure 6

技术支持

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网址：http://www.dlink.com.cn

办公时间：周一到周五，早09:00到晚18:00

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